

19990912.ba v02_n664.bam.990912 v02_n665.bam.990912

>From ???@??? Sun Sep 12 19:01:58 1999
Message-Id: <199909121649.d8CGnBJ24829@sco.theporch.com>
Date: Sun, 12 Sep 1999 11:48:33 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2664

BOATANCHORS Digest 2664

Topics covered in this issue include:

- 1) Re: Vacuum Tube Metallization
by "Mike B. Feher" <n4fs@monmouth.com>
- 2) FS: WS19Mk3 Complete A/V Installation, Mint
by Andre Guibert <aguibert@sympatico.ca>
- 3) kenyon data
by philip mccooy <dgnova@erols.com>
- 4) Re: Vacuum Tube Metallization
by John Shriver <jas@shiva.com>
- 5) FS: GR-1650A and a Heath audio amp
by Richard Post <post@ouvaxa.cats.ohiou.edu>
- 6) DON MERZ'S ODDS & ENDS FS - NOTE
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 7) PS Update
by "Spencer Petri" <wa5jci@flash.net>
- 8) FS: Henry Radio 2K-2 Console
by "Sandy W5TVW" <ebjr@worldnet.att.net>
- 9) BOATANCHORS digest 2663
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 10) Collins Mech Filter ID?
by "Ed Tanton" <n4xy@att.net>
- 11) Swap Meet in Portland, Oregon--Sep 25
by Liles Garcia <Liles_Garcia@pmc-sierra.com>
- 12) FS Tek. 547 Scope+
by "Rudolf H. Salomon" <rhsalomon@earthlink.net>
- 13) Re: FS Tek. 547 Scope+
by "Arden Allen" <gumbear@pacbell.net>
- 14) Manual
by "Lloyd A. Scott, Jr." <wpul1130@ithink.net>
- 15) PP-846/U Power Supply
by "Tom Bridgers" <tarheel6@email.msn.com>
- 16) T-bolt panel
by "Robert Nickels" <ranickel@mwci.net>
- 17) Need advise on Radio repair
by "Brian.S.Allen" <HP7093@mf-isd.aoc.state.nc.us>
- 18) Dummy load

- by "Brian Goldsmith" <goldsmith@oup.com.au>
- 19) FS: AMATEUR RADIO THEORY & PRACTICE
by Michael Crestohl <mc@sover.net>
 - 20) Re: Need advise on Radio repair
by "Arden Allen" <gumbear@pacbell.net>
 - 21) FS Globe 755 VFO
by JONWEINER@aol.com
 - 22) WTB 51J-4 Filters
by "Bill Marx" <bmarx@bellsouth.net>
 - 23) Looking for.....
by "Sandy W5TVW" <ebjr@worldnet.att.net>
 - 24) Re: WTB 51J-4 Filters
by Al Klase <skywaves@bw.webex.net>

Message-ID: <005501befb74\$89b262e0\$861bbfd1@n4fs>

From: "Mike B. Feher" <n4fs@monmouth.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Vacuum Tube Metallization

Date: Fri, 10 Sep 1999 06:09:11 -0400

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Besides the miniature pencil type 1AD4 there were a lot of other tubes/companies that applied an outside spray on shielding paint. The most common on this side of the ocean was Majestic in the states and Rogers in Canada. You can often see these with a silver spray coating. The Europeans have been doing it since the teens. Some examples are in some of the very early Siemens Halske tubes which I have in my "museum". The type Aa and Ca repeater tubes came both with and without spray shielding. These are beautiful tubes with nice glasswork inside. They were typically gold or silver. The Russians used a red paint on most of their W.W.II and 30s tubes as did the Italians and Germans. Germans also used gold and silver along with the red. These were typically Philips or Mazda or Tungstram tubes. The effectiveness of the shielding I have no information on, and sometimes wonder if it was not more for cosmetics. The Germans and Russians also used an aluminum cavity to insert their tubes into, that was part of the tube for shielding, similar to our octals. Of course later the Russians also made octals. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-901-9193

Date: Fri, 10 Sep 1999 08:32:34 -0400 (EDT)
Message-Id: <1.5.4.16.19990910082514.270fa142@pop1.sympatico.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Andre Guibert <aguibert@sympatico.ca>
Subject: FS: WS19Mk3 Complete A/V Installation, Mint

Bonjour to All

Ali Baba's cave does exist, a "friend" asked me to help a non tech. person to identify and pick up WS19 accessories and parts from the estate of a long deceased car collector. Found a complete installation kit for Armored Vehicules plus spare parts, alas, the non tech. person had opened all the original WW2 packings and thrown them away.

Thanks for the post on restoring oxidized vibrator contacts, was able to get the P/S fully operational, tested the WS with top results.

The complete installation is for sale for 450\$(Canadian), plus shipping costs from Montreal, Quebec, Canada.

A list of spare parts and prices is available by contacting the owner: Daniel Standers

(514) 695-4775

No Email

Andre

PS Picked up a brand new R1155 in its original wood box plus three RCA speakers for CR88 in mint condition in same cave.

Andre Guibert
aguibert@sympatico.ca

Message-ID: <37D900AB.D04A677A@erols.com>
Date: Fri, 10 Sep 1999 08:59:24 -0400
From: philip mccoey <dgnova@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: kenyon data
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone have information on the Kenyon transformer type T 378

Philip McCoy dgnova@erols.com

Date: Fri, 10 Sep 1999 09:18:27 -0400
Message-Id: <199909101318.JAA20239@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Vacuum Tube Metallization

Another reason you would not want to use the getter as a sheild is that it means blasting off more getter material inside the tube. The problem is that you can't steer that getter material 100% to the glass. Some will land on the micas. There, it will cause leakage paths that will make the tube noisy. Not desirable.

Some tubes (for instance the rare 8223/E288CC) have an extra layer of imperforate mica between the getter flash area and the real working mica.

Also, some newer tubes also had graphite on the inside of the glass. Particuarly the MOV KT66. It controlled some static buildup that caused noise problems. It wasn't sheilding, however.

Message-Id: <v03007803b3fed8223922@[132.235.46.14]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 10 Sep 1999 12:03:02 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: FS: GR-1650A and a Heath audio amp

Hi Folks,

BA list members get first shot at these items.

Very nice and good working General Radio 1650A impedance bridge. \$75 or best offer plus UPS shipping from 45701. The case is the flip top model and has the usual scuffs. Have a copy of manual. I don't need both this and my GR-1650B.

<http://www.frognet.net/~postrd/rp/GR1650A1.JPG>

<http://www.frognet.net/~postrd/rp/GR1650A2.JPG>

The case battery cover (the round chrome-metal item near the handle) is screwed on and is probably not original.

<http://www.frognet.net/~postrd/rp/GR1650A3.JPG>

The Heath hi-fi amp is a nice-looking model A9C. Works well. Has mag phono, crystal phono, microphone, and tuner inputs, bass and treble controls.. Output impedance is 4, 8, 16, and 500 ohms. All tubes are original Heath-logo. I assume this one is late in the model run as it uses push-pull 6L6GC in the outputs. All of the 12AU7 /12AX7 tubes are made for Heath by Mullard. I have replaced the two final-stage coupling caps and a power resistor, otherwise all original. \$100 or best offer. The Heath catalog says shipping weight is 23 lbs. So add for UPS from 45701.

http://www.frognet.net/~postrd/rp/A9C_up.JPG

<http://www.frognet.net/~postrd/rp/HeathA9C.JPG>

No manual but schematic is at the following and the catalog description is on the Heath virtual museum site.

http://www.frognet.net/~postrd/rp/a9c_schm.gif

73 de Rich KB8TAD <postr@ohiou.edu>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Fri, 10 Sep 1999 13:22:03 -0400 (EDT)
Subject: DON MERZ'S ODDS & ENDS FS - NOTE
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9909101322.aa19413@pcusa01.ecunet.org>

To: boatanchors@theporch.com

> From: don merz <71333.144@compuserve.com>
> Subject: Odds & Ends FS
>
> E.F. Johnson inline coupling...I think. This is a cylinder about 8"
> long with no outer shell(so the works are exposed). The end plates
> have SO-239 sockets on them which are connected together by a piece
> of coax with the shield exposed. The shield is grounded to the
> cylinder
> frame. Each end plate also has 2 pin-jacks on it--presumably to take
> off the signal to drive the meter or indicator that this coupling
> was attached to. In good condition, whatever it is... \$9 PPD

This is the SWR sensing unit, works with Johnson Matchboxes (either size) and Johnson 250-38 SWR indicator.

What it sez on missing can: Johnson Directional Coupler, 52 ohms impedance, Power 1000 w, Catalog No. 250-37, white test point is for reflected power, red is for incident power, black is common.

-John Sehring (Fri, Sep 10, 1999 Custer SD USA) UCC WB0EQ

Message-ID: <000101befbb6\$96f4d540\$af301ed1@wa5jci>
From: "Spencer Petri" <wa5jci@flash.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: PS Update
Date: Fri, 10 Sep 1999 13:01:59 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings,

I recently posted that I bought three 5 VDC 100 A switching power supplies at the Dallas sidewalk sale. Well, I've gotten around to looking at them. The voltage adjustment will vary the output from 4.5-5.5 VDC. They are quiet as a mouse with no RF crud. Made by Gould, model MG 5-100. Three will make a 13.8 VDC supply and five in series would make a dandy 24 VDC supply. Might be a good item to be on the lookout for at the next swapmeet.

es 73 de Pete WA5JCI EM21

6 meter VUCC # 361
2 meter VUCC # 346

Message-ID: <000301befbb9\$2e337b80\$51ef490c@SandyBlaize>
From: "Sandy W5TVW" <ebjr@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Henry Radio 2K-2 Console
Date: Fri, 10 Sep 1999 13:19:33 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll probably eventually regret doing this, but here goes:

Sell: Henry Radio 2K-2 console amplifier. This one uses the 3-400Z tubes. Internally excellent, I'd say 8-9. Externally: Front panel excellent,

all original knobs, meters, etc. Sides have a few stains, needs some

cleaning or touchup paint. Ditto for external RF deck "cage".

Works

VERY well on all bands. Will very easily deliver a kilowatt with 30-40

watts of drive. With original instruction manual.

Best offer over \$600 F.O.B. New Orleans area. I also have four

spare tubes with low time for an additional \$200. (All have been tested and deliver full power)

I don't have a proper "place" for this in the new hamshack and presently

no 230 vac circuit to power it. (Although it will work on 115 volts).

Maybe getting rid of it will prod me into building my F123A/805 amplifier I've been wanting to homebrew!

The Henry is presently located at my new QTH near Hammond, LA.

73,
Sandy

Date: Fri, 10 Sep 1999 17:09:22 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: BOATANCHORS digest 2663
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199909101709_MC2-846A-36CC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Jack, Dave & Group.

I don't have the DY-21/ARC-3 to measure (only the DY-22) but once =
had the complete set on the J-68/ARC-3 Junction Box. Dave's analysis =
sounds like the logical one. Both of the AN/ARC-3 =

dynamotors used the same connector as the DM-33 and DY-8.

"Keying" was by mounting post spacing. I have a DY-8 that someone =

has replaced both end bells with ones from a DM-35. Both say "12V". =

Now ain't that likely to confuse someone!

Message text written by Dave Ross/Jack Antonio

>>Anyone know what gives? Do I have an oddball dynamotor, or do I
>>have an oddball modulator?

>The 2 1/4" measurement on your BC-456 is correct. Could it be that
>someone replaced the mounting base on your DM-33 with another maounting
>base, in order to use the DM-33 on another radio?

>If I remember, the Command Set TX dynamotor is pretty much the same size=

>as the ARC-3 TX dynamotor. Maybe somebody grated an ARC-3 mounting base=

>onto your DM-33.

<

73,
Robert Downs
WA5CAB
Houston

From: "Ed Tanton" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "BoatAnchor Reflector" <boatanchors@theporch.com>
Subject: Collins Mech Filter ID?
Date: Fri, 10 Sep 1999 18:23:45 -0400
Message-ID: <NBBBJDEEIFDDANGEGHLBMEBLGOAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Could someone ID the specs and intended rcvr for a:

526 8587 010 (Rockwell emblem) Mech Filter

Thanks.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Fri, 10 Sep 1999 15:33:54 -0700 (PDT)

From: Liles Garcia <Liles_Garcia@pmc-sierra.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Swap Meet in Portland, Oregon--Sep 25
Message-ID: <Pine.GS0.3.96.990910153255.21169A-100000@willamette>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

ANTIQUÉ RADIO SWAP MEET, SALE, AND SHOW

Saturday, September 25, 1999

The Northwest Vintage Radio Society (Portland, Oregon) is sponsoring a Fall 1999 Swap Meet, Sale, and Show on Saturday, September 25, 1999.

Location: National Guard Armory at the Washington County Fairgrounds in Hillsboro, Oregon (Hillsboro is near to Portland)

Time: 9:00 AM until 2:00 PM

Date: Saturday, September 25, 1999

- * Vintage Broadcast Radios
- * Vintage Communications Receivers
- * Vintage Televisions
- * Vintage Phonographs
- * Vintage Accessories and Parts
- * Vintage Books and Advertising Literature
- * Admission \$2.00

Directions: The Washington County Fairgrounds are located across the street from the Hillsboro Airport. There is parking on the adjacent Fairgrounds.

Collectors, hobbyists, and dealers will be present. We are hoping to fill the Armory with swap tables--we have before!!

We are hoping for a large turnout and a lot of fun!!! For more information call Myron White (503) 629-5513. This is a community event that is sponsored by the Northwest Vintage Radio Society.

Northwest Vintage Radio Society
Box 82379
Portland, Or 97282-0379

This notice is posted by Liles Garcia, liles_garcia@pmc-sierra.com. Please email me if I can answer some questions or provide more information.

Message-ID: <37D9B356.63E1@earthlink.net>
Date: Fri, 10 Sep 1999 18:41:42 -0700
From: "Rudolf H. Salomon" <rhsalomon@earthlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS Tek. 547 Scope+
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have for sale a Tektronix 547 Oscilloscope. Dual beam (NOT to be confused with dual trace)50 Mhz, delayed sweep (smooth as silk and real stable high speed transitions in delayed sweep mode)transitional, mostly solid state, still has a few of the old glow bottles.

It comes with a 1A4, 4 chanel, solid state, plug in(beatifull workmanship!!) Type CA plug in (all tooobs) and a Type L plug in, also all tooobs. Also included are the original tek manual for the scope, original manual for the 1A4(as big as the scope manual) and a manual copy for the Type CA plug in. (Sorry, no manual for the type L.

And, it all works!!!

It's got to go. Taking up WAY to much space. Have aquired T000 Many Boatanchors over the years and can, now, barely squeeze between the work bench and the car in the garage. (the car is not particularely large)

I'm asking \$100.00 for the works. Pick up only in Simi Valley, Southern California 93065

--

1960 EAC R-390A S/N 4561 R1051B
1952 Stewart-Warner R-392 S/N 1872 1952 SP-600JX-17
Sony ICF2010

73 de Rudolf Salomon - KD6NRQ
Simi Valley, Southern California.....USA

Message-Id: <199909110341.UAA28397@mail-gw3.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: FS Tek. 547 Scope+
Date: Fri, 10 Sep 1999 20:40:59 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> It's got to go. Taking up WAY to much space. Have aquired T000 Many
> Boatanchors over the years and can, now, barely squeeze between the work
> bench and the car in the garage.

What the (bleep!) is the car doing in the garage?????

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <37DAF949.F1EA0D82@ithink.net>
Date: Sat, 11 Sep 1999 17:52:25 -0700
From: "Lloyd A. Scott, Jr." <wpul11130@ithink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Manual
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings: I am looking for an original manual for the RCA 76B-2
Audio console. Built around 1945. Many thanks
Lloyd

From: "Tom Bridgers" <tarheel6@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: PP-846/U Power Supply
Date: Sat, 11 Sep 1999 22:12:59 -0400
Message-ID: <002a23518020c99CPIMSSMTPU10@email.msn.com>

Hi Anchorites...

Does anyone have any info on the Motorola PP-846/U Power Supply? This came in my BC-221 that I bought at the Shelby hamfest, and it is an impressive unit. It fits very nicely in the PS compartment of the BC-221, and looks like it might have been made for that purpose. But I don't know. It comes complete with very large selenium rectifiers...and an output jack that appears to be similar to the larger plug on an R-390A audio module. Of course the output jack is not used.

If I could get a circuit diagram or other info, I sure would appreciate it.

thanks and 73's,

-tom KE4RHH

-----Original Message-----

From: Old Tube Radios <boatanchors@theporch.com>

To: Old Tube Radios <boatanchors@theporch.com>

Date: Sunday, September 05, 1999 9:29 PM

Subject: BOATANCHORS digest 2660

>
> BOATANCHORS Digest 2660
>
>Topics covered in this issue include:
>
> 1) Tektronix relays
> by Avery Comarow <acomarow@USNEWS.COM>
> 2) Re: Detecting a shorted turn or two?
> by Bill Hawkins <bill@iaxs.net>
> 3) Some Thoughts on Test Equipment
> by "Richard W. Solomon" <wlkszt@tiac.net>
> 4) RE: Dallas First Sat.
> by "David Newkirk" <dpnewkirk@home.com>
> 5) Re: Detecting a shorted turn or two?
> by "Arden Allen" <gumbear@pacbell.net>
> 6) Re: Tektronix CRTs and the military
> by "Arden Allen" <gumbear@pacbell.net>
> 7) Re: Detecting a shorted turn or two?
> by Scott Robinson <spr@earthlink.net>
> 8) Hallicrafters oddity?
> by "Bob Duckworth" <wb4mnf@atl.org>
> 9) collins 312b-5
> by Brian Michael <brianmd1@home.com>
> 10) Re: Some Thoughts on Test Equipment
> by "Roberta J. Barmore" <rbarmore@indy.net>
> 11) Re halli oddity
> by philip mccoy <dgnova@erols.com>

> 12) National LF Regen data?????
> by "Tom R. Rice" <tomrice@netcom.com>
> 13) What Finals in FLDX-500?
> by Heinz und Hannelore Breuer <hbreuer@debitel.net>
> 14) Navy Hammarlund RBG info please
> by Paul Thekan <Paul.Thekan@eimac.cpii.com>
> 15) Re: Detecting a shorted turn or two?
> by Morris Odell <morriso@vifp.monash.edu.au>
> 16) FS: Globe Scout Deluxe & RME
> by Greg Carter <kx4r@atl.mindspring.com>
> 17) Re: Rack needed
> by GeorgeHumphrey <gah@koyote.com>
> 18) random goings-on
> by "Benjamin D. Hall" <kd5byb@WT.NET>
> 19) Collecting Radios, Shelby fun, partial roster
> by Al Parker <anchor@coastalnet.com>
> 20) RE: Some Thoughts on Test Equipment
> by "Ed Tanton" <n4xy@att.net>
> 21) Re: Rack needed
> by Kim Herron <kherron@voyager.net>
> 22) Re: Navy Hammarlund RBG info please
> by Kim Herron <kherron@voyager.net>
>

Message-ID: <009c01befcc9\$8185acc0\$910ccfd1@default>
From: "Robert Nickels" <ranickel@mwci.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: T-bolt panel
Date: Sat, 11 Sep 1999 21:46:36 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,
Could anyone use a restorable front panel for a Thunderbolt amp for \$25 shipped?

73, Bob W9RAN

Message-Id: <199909120648.d8C6mLJ21308@sco.theporch.com>
Date: Sun, 12 Sep 99 03:17:32 EDT
To: Old Tube Radios <boatanchors@theporch.com>
From: "Brian.S.Allen" <HP7093@mf-isd.aoc.state.nc.us>
Subject: Need advise on Radio repair

I inherited an old am firestone radio. All wood console about 3.5 feet high. Very beautiful radio. It picks up am and short wave radio. When I first got it the unit did work but very poor performance. You could hear stations but it had a very bad hum. I ordered all new tubes for the unit thinking it may help. I replaced all the tubes. All I now get is a hum. Put the old tubes back in and get the same thing.

Is there any hope? Where should I start?

Thanks Brian KB4MNG

From: "Brian Goldsmith" <goldsmith@oup.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Dummy load
Date: Sun, 12 Sep 1999 20:20:49 +1000
Message-ID: <000201befd08\$7beabe60\$5b3e1ccb@pc-home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings! Today at the local fleamarket I found a small aluminium box marked externally AN/URM-13. Inside the box is a dummy load consisting of 4 X MES incandescent lamps attached to an N type RF connector, 4X spare lamps and an adaptor to convert the N type RF connector to a PL259 connector. Written inside is " LOAD RATING 5 TO 20 WATTS AT FREQUENCIES 100 TO 400 MEGACYCLES" A quick look at the millist did not show the AN/URM-13 number. Can any of the list members tell me what equipment it is intended for? Thanks.

Brian

Message-Id: <4.2.0.58.19990912081057.00a0dc30@mail.sover.net>
Date: Sun, 12 Sep 1999 08:16:37 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Michael Crestohl <mc@sover.net>
Subject: FS: AMATEUR RADIO THEORY & PRACTICE
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I bought this book recently from Ken Simpson W8EK but on receiving it I realized I already have this title. It's a great book if you want to learn about radio theory in detail as it relates to ham radio. It covers tube technology in detail so is perfect for anyone who wants to regress technologically speaking.

I will sell it for what it cost me - \$9.00 plus book rate postage.

If interested please reply by e-mail.

Cordially,

Michael Crestohl, W1RC
mc@sover.net
Cordially,

Michael Crestohl
mc@sover.net

Message-Id: <199909121436.HAA22241@mail-gw5.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Need advise on Radio repair
Date: Sun, 12 Sep 1999 07:36:25 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello Brian;

> I inherited an old am firestone radio. All wood console about 3.5 feet
> high. Very beautiful radio. It picks up am and short wave radio.
> When I first got it the unit did work but very poor performance. You
could
> hear stations but it had a very bad hum. I ordered all new tubes for the
unit
> thinking it may help. I replaced all the tubes. All I now get is a hum.
Put
> the old tubes back in and get the same thing.

Your radio has the classic problem of failed electrolytic filter capacitors in the power supply. They will need to be replaced. That will get rid of the hum but you won't be finished. There will undoubtedly be some leaky paper capacitors. There will also be some resistors that have drifted way off value, some maybe because of overheating due to leaky capacitors. Generally, it is a good practice to replace all of the paper capacitors and check resistor values in the process, replacing any out of tolerance resistors. Once the radio proves to operate with correct voltages throughout and there are no other bad components to replace a complete alignment will bring the radio back to peak performance. The first step is to get a schematic. Have fun. 73.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

From: JONWEINER@aol.com
Message-ID: <61d58e60.250d1785@aol.com>
Date: Sun, 12 Sep 1999 10:49:41 EDT
Subject: FS Globe 755 VFO
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have a Globe 755 VFO FS. Overall condition is good. Cabinet could probably use a repaint. Dial cover has no cracks. One (main tuning) knob is not original. Price: \$55.
shipping included.

Jon, K1VVC

Message-ID: <01bf01befd94\$c0f7b940\$0fc24ed8@mia.bellsouth.net>
From: "Bill Marx" <bmarx@bellsouth.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB 51J-4 Filters
Date: Sun, 12 Sep 1999 23:04:54 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am in need of 2 filters for my 51J-4. I have the 1.4 and need the 6.0 and the CW filter....Please let me know if you have extras .
Bill Marx W2CQ

Message-ID: <001b01befd37\$cd6c2d80\$3bfa490c@SandyBlaize>
From: "Sandy W5TVW" <ebjr@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Looking for.....
Date: Sun, 12 Sep 1999 10:58:35 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Two "odd ball" items I'm hunting.

1.) 2 to 4 "Dekar" type tube sockets. These look identical to

the
9 pin "Noval" sockets, but have 10 pins instead. This is NOT
the Noval socket with a tenth pin in the center!

2.) 4 to 6 "Magnoval" sockets. This is the same pin circle the
"Novar" base uses (looks like a giant Noval base) but the pins
aare
slightly larger in diameter. Is there any of these out there in
someone's junk-box?

NOS or used but good ones will be OK, saddle mount, PC mount,
whatever.....

73,
Sandy W5TVW

Message-ID: <37DBD8AF.5E84F1EB@bw.webex.net>
Date: Sun, 12 Sep 1999 12:45:35 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WTB 51J-4 Filters
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Original filters were 1.4, 3, and 6KC. Narrow position is
marked "1" on my set.

73, Al

Bill Marx wrote:

>
> I am in need of 2 filters for my 51J-4. I have the 1.4 and need the 6.0 and
> the CW filter....Please let me know if you have extras .
> Bill Marx W2CQ

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

End of BOATANCHORS Digest 2664

>From ???@??? Mon Sep 13 01:11:31 1999
Message-Id: <199909130501.d8D51KJ11313@sco.theporch.com>
Date: Sun, 12 Sep 1999 23:59:55 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2665

BOATANCHORS Digest 2665

Topics covered in this issue include:

- 1) Re: Need advise on Radio repair
by Jack Harper <jharper@bsi2000.com>
- 2) BAs. Manuals FS
by don merz <71333.144@compuserve.com>
- 3) Re: Need advise on Radio repair
by "Benjamin D. Hall" <kd5byb@WT.NET>
- 4) Atwater Kent Spark Coil
by Heinz und Hannelore Breuer <hbreuer@debitel.net>
- 5) Them Durn Plugs
by Harry Vaught <hvaught@worldnet.att.net>
- 6) Re: Atwater Kent Spark Coil
by W0EOM@aol.com
- 7) Re: Atwater Kent Spark Coil
by "Mike B. Feher" <n4fs@monmouth.com>
- 8) Re: Atwater Kent Spark Coil
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 9) Re: Need advise on Radio repair
by "Arden Allen" <gumbear@pacbell.net>
- 10) IN-86 INSULATORS
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 11) Re: Atwater Kent Spark Coil
by Henry van Cleef <vancleef@netcom.com>
- 12) PP-629/URR
by JESelkregg@aol.com
- 13) F.S.Frequency Meter Sets Manual TM 11-300
by "Bill Marx" <bmarx@bellsouth.net>
- 14) Free lunch???
- by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 15) SB-401 for sale
by Glenn Finerman <k2kl@acd-pc.com>
- 16) Re: Free lunch???
- by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 17) Re: Need advise on Radio repair
by "A.B. Bonds" <ab@vuse.vanderbilt.edu>
- 18) Need Help on Radio Repair
by James Hanlon <knjhanlon@uswest.net>

- 19) BG-179 ID?
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
20) BG-58 WANTED
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
21) Free 2 any home
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
22) Re: Fw: Fw: BOUNCE hallicrafters@qth.net: Non-membersubmission from
["Dan 'Hank' Arney" <kn6di@groupone.net>]
by "\"Dan \\\"Hank\\\" Arney\"" <kn6di@groupone.net>

Message-Id: <4.1.19990912105036.009113b0@mail.pcisys.net>
Date: Sun, 12 Sep 1999 10:54:43 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bsi2000.com>
Subject: Re: Need advise on Radio repair
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:36 AM 9/12/99 -0700, Arden Allen KB6NAX wrote:
<el snipo>

>Generally, it is a good practice to replace all of the paper capacitors and
>check resistor values in the process, replacing any out of tolerance
>resistors...

As a general rule, does it make sense to just put an ohm meter across each
resistor or should one lead or the other be cut and then resoldered back
after measuring?

If both leads are still inplace, I would think that many times, you will
actually be measuring some complicated arrangement of 3 - 10 resistors
rather than the single one of interest.

Comments??

Regards to the List

Jack, W0YJ (Friend to all things Hammarlund -- Aspen trees are starting to
turn color here in the Rockies at 9,000'+ -- Hooray!!)

Jack Harper
303-231-9095

BSI2000, Inc.
Lakewood, Colorado USA

"Optical Cards... A Spectrum of Solutions"
Optical Cards for Bank, EBT, and Medical Applications
Visit our Web Page: <http://www.bsi2000.com> (Last Update: 990101)

Date: Sun, 12 Sep 1999 13:38:16 -0400
From: don merz <71333.144@compuserve.com>
Subject: BAs. Manuals FS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199909121341_MC2-8486-8C45@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Boatanchors, Manuals For Sale

CONTACT: Don Merz, N3RHT, 47 Hazel Drive, Mt. Lebanon, PA 15228
71333.144@compuserve.com

Hallicrafters HT-32B transmitter. Famous Hallicrafters design dating from 1961. The last and best of the HT-32 line. Covers 80-10 meters SSB/DSB/CW. Classic Hallicrafters styling. This one is in very nice overall condition. It is all original. The front panel is very good but 2 of the knobs have small chips at the edges and it needs the nicotine cleaned off. The cabinet has some small scrapes on the front lower edge where the chassis was removed and re-installed. It also has a few light scratches on top but nothing major. Overall, this is the cleanest original Hallicrafters paint I have seen in some time. The rig works too. I didn't push it to full output or do any stability measurements. But all the basic functions work as designed. With original manual. \$250
Hickok 533 Mutual Conductance Tube Tester. One of the better Hickoks in the larger black tolex-style case. The black covering has some dings but inside the tester is in excellent condition. With manual copies and supplemental tubes charts for the 533A model which is identical as far as I can tell. Working. With socket savers installed on 7 and 9 pin miniature sockets. \$85
Heathkit AM-1 Antenna Impedance Meter. Very nice. All original. Needs a bit of cleaning. \$18 PPD
Military TM 11-486 Electrical Communication Systems Engineering. 4/25/45. One of the great references for WWII military collectors for peripherals,

antennas, connections and power for all our favorite surplus radios. Although most of the manual covers landline systems, Section 8 "Radio Set Technical and Descriptive Information" is probably the most authoritative overall listing of WWII radio gear produced during the war. It lists (no pictures--alas!) ground, tactical, airborne, Navy and British sets in use at the time. 600 pages. An absolute treasure trove. Some cover dings and spine deterioration. But otherwise very good or better. \$65 PPD

Military TM 11-487 Electrical Communication Systems Equipment. 10/2/44. If there's a better reference for ground radios than TM 11-486, then this is it. Again, a large focus on landline gear, but also contains the best reference that I know of for WWII military ground radio collectors. I emphasize GROUND radios because, unlike 11-486, this does not cover airborne, Navy and foreign sets. Chapter 14 simply titled "Radio Equipment" is a veritable catalog (with pictures--yay!) of virtually every ground radio set used by the US during the war. This copy of TM 11-487 has one magic-marker name blocked out on the front cover and the spine has some writing on it. But otherwise, it is excellent in every respect. 518 awesome pages. \$130

Military FM 10-524 Rigging Communication Shelters and Power Unit For Airdrop. Shows the R-392/T-195 rig in the shelter being packed for parachute delivery along with all peripheral components, camouflage nets, etc. Really neat. \$13 PPD

Lafayette HE-30 Communications Receiver original manual. \$10 PPD

Heathkit SA-2040 Antenna Tuner partial manual copy. \$4 PPD

Heathkit VF-1 VFO original manual. \$10 PPD

Heathkit MM-1 multimeter original manual. \$7 PPD

Heathkit XC-2 2-Meter Crystal-Controlled Converter original manual. \$13 PPD

Heathkit SB-200 amplifier original manual. \$13 PPD

Heathkit HD-1416 Code Oscillator original manual. \$5 PPD

CONTACT: Don Merz, N3RHT, 47 Hazel Drive, Mt. Lebanon, PA 15228
71333.144@compuserve.com

Message-Id: <3.0.32.19990912134516.007f2570@mail.wt.net>

Date: Sun, 12 Sep 1999 13:45:23 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: "Benjamin D. Hall" <kd5byb@WT.NET>

Subject: Re: Need advise on Radio repair

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>As a general rule, does it make sense to just put an ohm meter across each
>resistor or should one lead or the other be cut and then resoldered back
>after measuring?

In the RME-45A/B I've been working on all morning, in more cases than not

this works. With all of the tubes removed, there has only been a couple of resistors where one would need to lift one leg to check the value.

Then again, if I'm going to lift one leg, I might as well unsolder both and replace it...

73,
Ben

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.
Located in Houston, Texas, USA.
e-mail: kd5byb@WT.net, web: <http://web.wt.net/~kd5byb/>
"An ye harm none, do what thou wilt."

Message-ID: <37DBF866.2830@debitel.net>
Date: Sun, 12 Sep 1999 21:00:49 +0200
From: Heinz und Hannelore Breuer <hbreuer@debitel.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Atwater Kent Spark Coil
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I just saw an Atwater Kent Spark Coil in a wooden box on Ebay.
No it's not mine and I have no relation with the seller.

Is this for a spark transmitter? Has anybody any knowledge
about it? If interested you may look at it at:
<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=158778371>

Just curious.
73
Heinz - KM5VT

Message-ID: <01BEFD32.22515420@83.atlanta-01-02rs.ga.dial-access.att.net>
From: Harry Vaught <hvaught@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Them Durn Plugs
Date: Sun, 12 Sep 1999 15:18:56 -0400

Gang,

I'm need a source for the 11 pin plug for the control socket on the rear of
a Hallicrafters HT-32. I could use a couple of the 8 pin plugs used on the

SX-101 too.

I know this has been asked and answered many times, but I it never mattered to me before.

Thanks,

Harry Vaught, KT4AE
Lawrenceville, Georgia

From: W0EOM@aol.com
Message-ID: <563caf7b.250d5776@aol.com>
Date: Sun, 12 Sep 1999 15:22:30 EDT
Subject: Re: Atwater Kent Spark Coil
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello Heinz - before Atwater Kent made radios he made parts for cars including ignition coils, which is what this is. I have had several in the past, not of great value , to me anyway.

Will Santa Clara, CA went to AWA conv last week, saw LUC and several others

Message-ID: <002e01befd54\$81202400\$c61bbfd1@n4fs>
From: "Mike B. Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Atwater Kent Spark Coil
Date: Sun, 12 Sep 1999 15:24:56 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Heinz and Group -

The AK coil is a nice and scarce item. In 30 plus years of collecting I have only owned one. However, it is not wireless related. AK made them for automobiles. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

----- Original Message -----

From: Heinz und Hannelore Breuer <hbreuer@debitel.net>
To: Old Tube Radios <boatanchors@theporch.com>
Sent: Sunday, September 12, 1999 3:00 PM
Subject: Atwater Kent Spark Coil

> Hi,
>
> I just saw an Atwater Kent Spark Coil in a wooden box on Ebay.
> No it's not mine and I have no relation with the seller.
>
> Is this for a spark transmitter? Has anybody any knowledge
> about it? If interested you may look at it at:
> <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=158778371>
>
> Just curious.
> 73
> Heinz - KM5VT
>
>

Message-ID: <37DBFA90.1178@worldnet.att.net>
Date: Sun, 12 Sep 1999 15:10:08 -0400
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Atwater Kent Spark Coil
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Heinz und Hannelore Breuer wrote:

>
> Is this for a spark transmitter? Has anybody any knowledge
> about it?

Heinz,

No, this is an automotive Spark coil. Long before Atwater was in the

radio business, he was in the instrument business. After he purchased his first automobile and found it very hard to start. He designed his own spark system. It was a success and earned him his first fortune.

Later he got interested in radio. This led to his second fortune.

I had the pleasure to meet his grandson a couple of years ago at the Atwater Kent time Capsule opening at his old factory. Here's the story:

<http://www.eht.com/oldradio/atwaterkent/index.html>

--

73' John Dilks, K2TQN

Webmaster for "Page 2" all about Antique Wireless
<http://www.eht.com/oldradio/awa/>

--and--

for the New Jersey Antique Radio Club
<http://www.eht.com/oldradio/>

Please visit my OldRadio Museum
<http://www.eht.com/oldradio/museum/>

Message-Id: <199909121928.MAA26233@mail-gw5.pacbell.net>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Need advise on Radio repair

Date: Sun, 12 Sep 1999 12:25:36 -0700

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi Jack;

> As a general rule, does it make sense to just put an ohm meter across
each
> resistor or should one lead or the other be cut and then resoldered back
> after measuring?

The supreme rule of restoration of relics is *do no unnecessary work*
(similar to "if it ain't broke, don't fix it"). Any unnecessary work tends
to damage components. Resistors don't like heat so unnecessary unsoldering
and resoldering is to be avoided. Visual inspection will usually show that
a resistor can be measured in circuit as one end has no DC path when the
tubes are cold. Using a little common sense and some calculations will get
you through most other situations.

BTW, cutting and resoldering leads is considered to be the *hacker's* method, amateurish and unsightly. Half the pleasure in restoring old radios is maintaining the quality of workmanship that went into the original assembly. Getting it right can be a tough call for the inexperienced. Don't get in a rush. Practice technique on some junk if in doubt how to proceed.

Spend a few bux and get some good quality desoldering braid (Chemwik from Digi-Key; Rat Shack stuff is good). Use a good quality controlled temperature soldering iron, 60 watts with the idle temperature set to about 700F (Weller WTCP with 700 degree tips for example). Too much or too little heating ability will cause plenty of damage. Use Kester Resin 44 63/37 or 60/40 solder or equivalent activated rosin electronic grade solder. The right diameter of solder is also important for good quality and quick soldering. I find .031, .04 and .05 inch diameter solders meet all my needs for vintage radio work. Have fun.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Date: Sun, 12 Sep 1999 16:12:42 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: IN-86 INSULATORS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199909121612_MC2-8491-E8D1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Groups,

I just found a box of Signal Corps IN-86 in line porcelain insulators. =

These have wire ends and are a little longer than the ones with cast ends=

that I have a (very) few of in my collection. About 4-1/2" long rope to rope. \$5.00 each plus shipping. If you can use several, I'll dicker.

73,
Robert Downs
WA5CAB
Houston

From: Henry van Cleef <vancleef@netcom.com>
Message-Id: <199909122124.0AA07524@netcom19.netcom.com>

Subject: Re: Atwater Kent Spark Coil
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 12 Sep 1999 15:24:37 -0600 (MDT)
Cc: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

As Heinz und Hannelore Breuer discourses

>

> Hi,

>

> I just saw an Atwater Kent Spark Coil in a wooden box on Ebay.

> No it's not mine and I have no relation with the seller.

>

Atwater Kent made his money on an aftermarket ignition system for the Ford T that was a great improvement on the stock buzzer coil setup. This gave him the capital to get into the radio business.

--

=====
Hank van Cleef
=====

From: JESelkregg@aol.com
Message-ID: <4d22d10d.250d7947@aol.com>
Date: Sun, 12 Sep 1999 17:46:47 EDT
Subject: PP-629/URR
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have a rather scarce PP-629/URR power supply for the R391 autotune receiver. I don't think that I will ever have a use for it since R391s are seldom seen. Would anyone like to buy this unit or trade something for it? It's as large as the R391, heavy, so would prefer not to ship it outside of the S.F. bay area. I'm looking for an RBB junker (need osc. box) or other interesting communications items.

Thanks,
Joe S.

Message-ID: <029101befdce\$4e0519c0\$0fc24ed8@mia.bellsouth.net>
From: "Bill Marx" <bmarx@bellsouth.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: F.S.Frequency Meter Sets Manual TM 11-300
Date: Mon, 13 Sep 1999 05:56:50 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

War Department Technical Manual
Frequency Meter Sets - TM 11-300
SCR-211- A through T
AA through AL
Very Good Condition
\$15.00 plus postage

Bill Marx W2CQ
2451 East Las Olas Blvd.
Fort Lauderdale, Fl., 33301

Message-ID: <37DC40B7.2E94@lobo.net>
Date: Sun, 12 Sep 1999 18:09:37 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Free lunch???
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BAers...

October QStreet has an article about someone in close proximity to a 50kW (ERP?) AM BC station, who is able to 'receive' about 2.5 watts (yes, watts) of radiated energy with a tuned circuit, rectifiers, etc. He uses a shunt rectifier to regulate the voltage thus produced, and uses this power to maintain charge on a deep cycle station battery (he claims 200 ma @12V).

Now, I have heard of farmers of yore stringing long lines prallel to transmission and distribution lines, and lighting the barn for free. Old story.

And circuits abound for 'free radios,' wherein two xtal receivers are tuned to the same frequency-one for the program audio, the second to provide power to operate audio amplifiers to drive a speaker. Again, old hat.

Here's my ponder: If you can absorb 2.5 watts from a 50 KW station, and 19,999 other guys also do the same, is all the ERP used up, such that no one else can hear the program? Following along, what happens when the 20,001st person tries to download power..does it lessen the power of the previous guys?

Something's gotta give.

Any ideas?

Herb Rosenthal W5AN

Message-Id: <199909130016.UAA02323@netbox.acd-pc.com>
Date: Sun, 12 Sep 1999 20:32:26 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Glenn Finerman <k2kl@acd-pc.com>
Subject: SB-401 for sale
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Heathkit SB-401 Transmitter

Absolute perfect front panel, knobs and cabinet. Checked into a dummy load -120w out. (On/Off switch needs to be replaced.) You won't find a cleaner example of this classic. Includes original manual. \$165 includes double box packing and shipping via UPS...

Photo available via E-mail.

73.....Glenn Finerman K2KL

k2kl@acd-pc.com

Message-Id: <3.0.5.32.19990912210126.007cc340@miavx1.muohio.edu>
Date: Sun, 12 Sep 1999 21:01:26 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Re: Free lunch???
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A

>Here's my ponder: If you can absorb 2.5 watts from a 50 KW station, and

>19,999 other guts also do the same, is all the ERP used up, such that no
>one else can hear the program? Following along, what happens when the
>20,001st person tries to download power..does it lessen the power of the
>previous guys?
>Something's gotta give.
>Any ideas?
>>Herb Rosenthal W5AN

Hi Herb and the Gang,

I wondered exactly the same thing when I read the article. In fact, I was
impressed that one could suck 2.5W off a 150 ft wire, a mile from the
transmitter (if I recall correctly).

Obviously, there is no free lunch, and if 2.5 watts of rf power are
absorbed by the pickup antenna's load, then that means that only 49,997.5
watts are radiated elsewhere. If the pickup antenna is, say, north of the
transmitter antenna, then the lobe to the north will be slightly (very
slightly) attenuated. The actual electric and magnetic field profile in
the vicinity of the pickup antenna will be distorted by the r.f. currents
flowing in the pickup antenna. Thus, the presence of the pickup antenna
will degrade the received signal at all distances, but mostly near the
pickup antenna. .

In principle, if you hated your local AM radio station, you could buy up
the real estate around the transmitter site, build an array of resonant
absorbing antennas on your newly acquired property, and turn most of the
station's signal into heat!

73,

Jim Garland W8ZR

Message-Id: <1.5.4.32.19990913014048.0129c86c@mailhost.vuse.vanderbilt.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 12 Sep 1999 20:40:48 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A.B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: Need advise on Radio repair

At 10:54 AM 9/12/99 -0600, you wrote:

>At 07:36 AM 9/12/99 -0700, Arden Allen KB6NAX wrote:

><el snipo>

>

>>Generally, it is a good practice to replace all of the paper capacitors and
>>check resistor values in the process, replacing any out of tolerance

>>resistors...

>

>As a general rule, does it make sense to just put an ohm meter across each
>resistor or should one lead or the other be cut and then resoldered back
>after measuring?

>

>If both leads are still inplace, I would think that many times, you will
>actually be measuring some complicated arrangement of 3 - 10 resistors
>rather than the single one of interest.

>

First, I do not advise ever cutting a lead, even if the component is to be replaced, unless its position demands it. It's much easier to remove the lead from its anchor point if it is as long as possible. If I have decided to replace, I often will break the resistor to give more room to work.

Most (I would guess 86.7% off the top of my head ;)) resistors are in positions in the circuit such that their value can be tested without any lead removal (e.g., plate loads and screen droppers). Even power supply voltage dividers on tube equipment often do not load the resistors, unless there is more than one divider or the filter caps are excessively leaky. Rule of thumb: Well over 90% of the resistor failure I have seen results from the value going too high. If you measure a resistor and its value is too high (that being out of tolerance specification) it needs replaced no matter what. The only way that other circuitry can influence resistor readings is to cause them to read lower than the actual component value.

That being said, I try to do resistor checks with a schematic in front of me so that readings can be assessed in the context of the circuit. I rarely find it necessary to disconnect a lead. I ALWAYS disconnect a lead when checking caps. These days, I rarely check caps, just replace 'em no matter what. Been there, done that.

73

A. B. Bonds

Message-ID: <37DC6325.EEFA20CD@uswest.net>
Date: Sun, 12 Sep 1999 20:36:21 -0600
From: James Hanlon <knjhanlon@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need Help on Radio Repair
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian,

Allen Arden's advice on replacing the filter capacitors, and

also on the likely need to replace the paper bypass capacitors is very good. I'd suggest you do only one thing at a time, however, and evaluate the results after each step. You may find that you've made a mistake somewhere along the way, and stopping after each step will be a big help in finding out what went wrong.

I'd also suggest that you start by putting all of the old tubes back into the set. If it was playing weakly and with hum with the old tubes, at least they were working somewhat. The alignment of the RF amplifier, Mixer, and IF Amplifier stages in a radio is affected by changing the tubes. So you would be better off to start with the old tubes. Changing the filter capacitor(s) should get rid of most of the hum, and then you might want to go ahead and replace the tubes one by one to see if it improves performance.

The next thing to do is to check out the bypass capacitors. If you have a meter, you might measure the voltage at each of the bypass caps to see if it is about where it should be. A leaky capacitor will pull the voltage at its node down. Other signs of a bad capacitor are that it runs warm, and that it has boiled out some of its wax. It's not a bad idea just to replace them all if you can, since the chances of them being bad or of going bad soon are pretty high.

As Allen suggested, it would also be a good idea to measure the resistors in the set and replace ones that are more than 10 percent off their rated value.

Alignment of the set shouldn't be difficult, even if you don't have a schematic or instructions. When you get to that point, ask for some more help. You'll get a lot of coaching from the Boatanchors folks.

Goog luck,

Jim, W8KGI

Date: Sun, 12 Sep 1999 22:53:34 -0400
From: "ROBERT W. DOWNS" <RWDDowns_WA5CAB@compuserve.com>
Subject: BG-179 ID?
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199909122253_MC2-8498-7AA2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Groups,

I have a BG-179. Looks like a radio cover. Does anyone know what it fits?

Robert Downs
WA5CAB
Houston

Date: Sun, 12 Sep 1999 22:53:33 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: BG-58 WANTED
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199909122253_MC2-8498-7AA1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Groups,

With receipt of the copy of TM 11-231 (SCR-178/9) from Paul, I've discovered that I need another BG-58 antenna and generator leg roll. =

Anyone got an extra one mixed in with their BG-56's or BG-174's? Likewise a GN-37? =

Robert Downs
WA5CAB
Houston

Date: Sun, 12 Sep 1999 23:30:05 -0400
From: polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199909130330.XAA05684@aaa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: bmaguire@postoffice.worldnet.att.net, johnnyg@microsoft.com, marty@aaa4rm.ba-watch.org
Subject: Free 2 any home

No requirements on good home. Rules of Ware exempt.

Dec RX02 twin floppage SA4000 8" disk unit with... ta dahhhh, SASI interface connection thru DB25 socket.

Use it with that Imsai or Altair that never went CP/M.

Unit comes with 2 6J6s taped inside to make it BAG (boatanchor germain)

Note plug-innage shows drives spin & go to ready (maybe)

Write for the address of the Atlanta side yard where it's resided since yesterday. It's sharing a space with a Lawn Boy.

PU only.

Marty

Message-ID: <37DC84C2.F3B652D9@groupone.net>

Date: Sun, 12 Sep 1999 21:59:46 -0700

From: "\"Dan \\\\\"Hank\\\\\\" Arney\"<kn6di@groupone.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

CC: Duane Fischer <dfischer@tir.com>

Subject: Re: Fw: Fw: BOUNCE hallicrafters@qth.net: Non-membersubmission from
["Dan 'Hank' Arney" <kn6di@groupone.net>]

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Alan,

I do not understand why I am being dropped from the other QTH lists.

I by mistake sent a message to the HCA reflector and got a reply from Duane Fisher that I was not able to post as I had been barred dumped etc . Due to a misunderstanding in regards to the purchase of a R-388 some time ago that he told me that I was the lucky buyer, plus he also told my friend Matt that he was also the lucky buyer.

As it turned out he did not have the radio and it had been sold before we ever saw it posted by him. Words went back and forth and he said for get.

I along with several others commented about the frogs to the point that he dropped the postings with regards to the frogs. this should be all in your archives. He at some point told me all was well and if I wanted back on HCA to advise him. I have a lot of Hallicrafters equipment but did not see any useful information off of the reflector so I did not rerspond to his message.

When I posted the notice about the EV664 mike stand I added HCA by mistake.

His notice rubbed me the wrong way I said I was sorry. He came back with some comment and I went ballistic. I just call things the way that I see them and it got all out of proportion.

I have had dealings with a lot of people on the QTH reflectors and am in the process of providing R-390 covers for over 180 people on the net and most of them are on the QTH. I have there money and now you are removing my means of communicating with those people in GOOD FAITH.(since D.Fisher is blind! the good faith is in Caps which he can't see)Sorry.

As you can SEE I have posted this as a reply to D. Fisher also. In over 3 years on the net his is the only phony deal that I have been involved in. Regards the R-388.

I deal on th up and up with all people and treat them all with respect. My dealings are honest and above board. You know what I have to look at myself every moring in the mirror when I shave and it does not bother me at all.

I have honered all commitmiments that I been involved in on the net, accepted personel checks with out question, and have not been burned and have never sent a bad check to any one on the net or otherwise.

I am also not a jerk in yours or D. Fishers estimation.If I need to apolige to D.Fisher so be it. I apolige and will never have any contact with ever again, on the other hand I request that he never respond to or contact me again. I promise I will never send another message to him or the HCA QTH nor will I ever get close to to the 40 or 20M HCA net freq. when it is in progress. I was going to offer being west coast NC for 20M but forget that.

I was also going to send you a check for \$20.00 last week and the note with your address ids righr here by my left arm now. I was also going to rerquest help in setting up a web page, which you had granted me several months ago, but never got enough smarts on how to set it up, as I stated to you at the time.

I am sorry to all parties concerned and also foir the BW this long winded post is. You are providing a good service and it is appreciated by all concerned

You know what as an airline pilot I have been around the world 122 times and in 105 countries, plus having lived in over 30 and seen some of the problems that people are forced to live in and conditions that we as proud citizens of the UNITED STATES OF AMERICA have and one of those is by far the greatest and that is the First Ammendent THE FREEDOM OF

SPEECH, and I know an awful lot of people that have given up their lives to protect THAT RIGHT. I have seen 20 pallet trains pulled by a tug at DaNang in Vietnam going on the tarmac to take pallets to Saigon at HUE morgue with 50 KIA's in black body bags for guys that no longer have the right to do any thing to protect our rights.

As far as I am concerned this was between D.Fisher and myself. MY Netscape just ate up another 1175 messages as I tried to eliminate a profile, and did the wrong profile by mistake. So I have now lost the addresses of guys on several reflectors plus I do not have copies of my replies to D.Fisher. So it now gets down to he said not what I said.

It was my understanding the email between parties is private and not for third party information etc. rather than to get into the legal in or outs. As you well know only lawyers laugh on the way to bank on shore or offshore Hi.

Do not get me wrong I am not threateneing anyone now or in the future.

If you choose to not allow me back on the QTH refletors so be it.

I would ask in that case you advise any and all members with regards to the covers, mike bases, microswitches, R-390 power plugs and R-390-A parts to contact me by direct email

Thanks,
Dan "Hank" Arney

End of BOATANCHORS Digest 2665
